

Please cancel claim 3 without prejudice.

- 1. (Original) A process of synthesizing semiconductor fibers, the steps comprising: forming a catalytic metal on a substrate, placing the combination in a pressure chamber, adding gaseous reactant, applying sufficient microwave energy to raise the temperature in the chamber to a point above the melting point of the metal and continuing the process until fibers of the desired length are formed.
- 2. (Original) The process of claim 1, wherein the substrate is silicon, the catalytic metal is gallium or indium, and the gaseous reactant is hydrogen and the fibers are silicon.
  - 3. (Canceled).

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